

# EUROPEAN PATENT OFFICE

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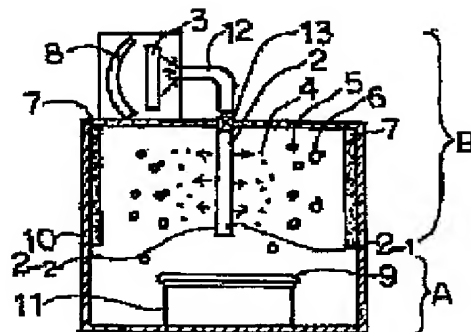
APPLICATION DATE : 14-03-95  
APPLICATION NUMBER : 07080898

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INVENTOR : FUJII TOSHIKI;

INT.CL. : B03C 3/38

TITLE : METHOD FOR CLEANING SPACE AND  
DEVICE THEREFOR



ABSTRACT : PURPOSE: To provide a method and a device for cleaning space to be cleaned of large volume or space which is used stably and effectively even under reduced pressure or vacuum.

CONSTITUTION: In this method for cleaning space, photoelectrons 4 are discharged by irradiating photoelectric emission material 2 with ultraviolet rays 3 under electric field 7. Fine particles 5 contained in the space are charged by the photoelectrons 4 and collected. The photoelectric emission material 2 is used by covering glass material 2.1 with photoelectronic emission substance 2.2 and installed in the space. Quartz glass is used as the glass material and covered by the photoelectric emission substance such as Zn and Ba in a thin film shape and desirably used as the photoelectric emission material.

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